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CLAIMS

1. A monitoring system for a molding apparatus comprising:
sensors for measuring required attributes associated with the molding apparatus;
a local unit for transmitting signals that correspond to the required attributes measured with said sensors over a network; and
a remote unit connected to said communication network for receiving the signals that correspond to the required attributes from said local unit, for indicating the required attributes associated with the molding apparatus, and for monitoring the molding apparatus at least at the stage of operation of the molding apparatus.
2. The monitoring system for a molding apparatus according to Claim 1, wherein said local unit comprises a means for determining whether the signals that are measured by said sensors are within predetermined zones, and a system accessing a communication network and transmitting a warning signal to said remote unit if the signals are outside of predetermined zones.
3. The monitoring system for a molding apparatus according to Claim 2, wherein the remote unit is designed to communicate with said local unit via the communication network and to change the predetermined zones associated with said determining means.
4. The monitoring system for a molding apparatus according to Claim 1, wherein the attributes of said molding apparatus include at least the number of products and the data on molding.
5. The monitoring system for a molding apparatus according to Claim 2,

wherein the attributes of said molding apparatus include at least the number of products and the data on molding.

6. The monitoring system for a molding apparatus according to Claim 3, wherein the attributes of said molding apparatus include at least the number of products and the data on molding.

7. A monitoring system for an air-flow and press molding apparatus comprising:

sensors for measuring the required attributes associated with the air-flow pressure of the air-flow and press molding apparatus;

a local unit for transmitting signals that correspond to the required attributes measured with said sensors over a network; and

a remote unit connected to said communication network for receiving the signals transmitted from the local unit, indicating the required attributes associated with the air-flow and press molding apparatus, and monitoring the molding apparatus at least at the stage of operation of the air-flow and press molding apparatus.

8. The monitoring system for an air-flow and press molding apparatus according to Claim 7, wherein said local unit comprises a means for determining whether the signals that are measured by said sensors are within predetermined zones, and a system accessing a communication network and transmitting a warning signal to said remote unit if the signals are outside of the predetermined zones.

9. The monitoring system for an air-flow and press molding apparatus according to Claim 8, wherein the remote unit is designed to communicate with said local unit via the communication network and to change the predetermined

zones associated with said judging means.

10. The monitoring system for an air-flow and press molding apparatus according to Claim 7, wherein the attributes of said air-flow and press molding apparatus include at least one method of spraying a mold parting agent and data on a measured sound noise of the air-flow pressure valve.

11. The monitoring system for an air-flow and press molding apparatus according to Claim 8, wherein the attributes of said air-flow and press molding apparatus include at least one method of spraying a mold parting agent and data on a measured sound noise of the air-flow pressure valve.

12. The monitoring system for an air-flow and press molding apparatus according to Claim 9, wherein the attributes of said air-flow and press molding apparatus include at least one method of spraying a mold parting agent and data on a measured sound noise of the air-flow pressure valve.

13. A monitoring system for an air-flow and press molding apparatus comprising:

sensors for measuring the required attributes associated with the squeeze of the air-flow and press molding apparatus;

a local unit for transmitting signals that correspond to the required attributes measured with said sensors over a network; and

a remote unit connected to said communication network for receiving the signals transmitted from the local unit, indicating the required attributes associated with the air-flow and press molding apparatus, and monitoring the molding apparatus at least at the stage of operation of the air-flow and press molding apparatus.

14. The monitoring system for an air-flow and press molding apparatus according to Claim 13, wherein said local unit comprises a means for determining whether the signals that are measured by said sensors are within predetermined zones, and a system accessing a communication network and transmitting a warning signal to said remote unit in the case that the signals are outside of the predetermined zones.

15. The monitoring system for an air-flow and press molding apparatus according to Claim 14, wherein the remote unit is designed to communicate with said local unit via the communication network and to change the predetermined zones associated with said determining means.

16. The monitoring system for an air-flow and press molding apparatus according to Claim 13, wherein the attributes of said air-flow and press molding apparatus include at least one method of spraying a mold parting agent and data on a measured sound noise of the air-flow pressure valve.

17. The monitoring system for an air-flow and press molding apparatus according to Claim 14, wherein the attributes of said air-flow and press molding apparatus include at least one method of spraying a mold parting agent and data on a measured sound noise of the air-flow pressure valve.

18. The monitoring system for an air-flow and press molding apparatus according to Claim 15, wherein the attributes of said air-flow and press molding apparatus include at least one method of spraying a mold parting agent and data on a measured sound noise of the air-flow pressure valve.